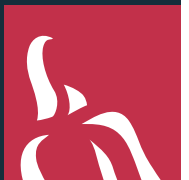


Agile software development leads to a happy ending





For smart software projects you need clever project management.

Content

	Introduction	4
	The magic word is flexibility	5
	The Chili 5-step model for agile software projects	6
1	Step 1: Pre-project phase	7
2	Step 2: Planning phase	8
3	Step 3: Construction phase	9
4	Step 4: Adaptation phase - agility is required here!	10
5	Step 5: Finalisation phase	11
	Contact Chili Digital AG	12

Introduction

Complex software projects are often a challenge because the unforeseen occurs during the implementation phase and changes must be made during the ongoing project. This leads to stress and dissatisfaction for all investments. Conventional project management models often do not lead to the goal in such cases.

From our many years of experience, we know that close customer support and a high degree of flexibility are essential for complex software projects.

The layman is usually not able to describe all specifications in detail and to imagine the desired product at the time of awarding the project. Only when the project result has been completed, he can judge whether his expectations have been met.

For customer-specific individual solutions, no 08/15 recipe can be pulled out of the drawer.

Since a complex IT product cannot be meticulously planned and controlled with the usual project management, the unforeseen is to be expected. The objectives formulated at the time of project award are only assumptions that often do not correspond to reality. Additional customer requests also arise during the ongoing project or there are technical problems. Adjustments and corrections are necessary to meet customer expectations. As a result, other areas also need to be aligned. As a result, the framework conditions are constantly changing, resulting in additional effort, delays, and additional costs.

Let's go!

The magic word is flexibility

With an agile approach, change requests can be considered on an ongoing basis without jeopardizing the entire project or delaying it for an unnecessarily long time. It is important that the customer can already get an idea of what the finished product looks like in the planning phase and can continuously see in which direction the product is developing. That's why it's important to involve the customer closely from the very beginning and try to support him so that he can get a concrete picture. It is crucial that all people involved in the project support the agile approach. This requires a lot of flexibility from the project team but prevents frustration and disappointment.

The Chili 5-Steps Model for Agile Software Projects

Complex IT projects are comparable to building a house, as similar difficulties can arise during the planning and implementation phases.

“The Huber family is building a house”

The Huber family finally fulfills their dream of owning their own home. Since they have no experience as builders, they hire a trusted architect.

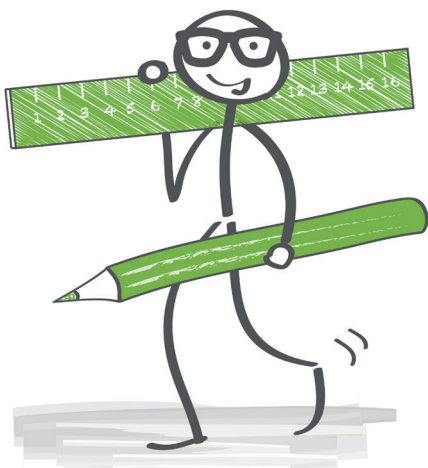


Step 1: Pre-project phase

The land has been purchased, now it is time to determine what the house should look like (energy standard, building materials, living space, number of rooms and ancillary rooms, connections, etc.).

The most important phase of the whole project! You should pay special attention to the following points:

- What exactly are our needs? What is this software needed for? Who are the users, who are the target groups?
- Have these discussions together with the software developers entrusted with the implementation. They can provide you with expert support in the planning process by showing you similar products and projects so that you can get a feel for what is possible and what is not.
- At Chili Digital, we already appoint the team in this phase that will take care of the implementation and project performance. It is important to us that employees have the necessary flexibility for the agile methodology.
- Together with the customer, the project team creates initial sketches and discusses them with the customer.
- In the offer, we include a buffer for unforeseen events so that additional costs for small expansions are covered.
- Take enough time to think through the whole thing and get feedback internally.



Step 2: Planning phase

2

The construction plans and the construction program with the suppliers are drawn up and the building application is made.

- Now Chili Digital will work with you to create clear requirement profiles. In doing so, we help you to think of important points and details.
- Again, we will show you illustrative examples so that you can imagine what to expect.
- Together with the development team, project owners and project managers as well as the customer representatives, we create the concept. Again, there must be sufficient room for in-depth discussions.
- In a further step, we will create a functional specification with you.
- Together, we define milestones: by when do we want to have which steps completed?
- In a contract, we regulate unforeseen events, additional requests and delays. If necessary, we ask for legal advice.



Step 3: Construction phase

The excavation and the foundation follow. The Huber family look at the floor plan of their house for the first time. Now the foundation walls are raised, and the roof is put on. The Hubers celebrate the topping-out ceremony and are looking forward to the interior fittings.

- In this phase, transparency is the be-all and end-all: the software developers involve the responsible persons on the customer side in every step. The project manager and those responsible for development are also involved.
- We designate a test person who tests on an ongoing basis. It doesn't necessarily have to be an expert.
- Our development team meets at least once a week for short update meetings. Together with the project management, the participants inform each other about the status of the work, problems that arise and the schedule. The course of the project is documented on an ongoing basis.
- In several milestone meetings, those responsible from the customer and developer side review the status of the project, the progress, the objectives and the schedule. Initial results are presented, feedback is collected, and any adaptation measures (**see step 4**) are defined and recorded. In doing so, we attach great importance to careful internal preparation.
- Together with all stakeholders, we plan the implementation steps up to the next mile-stone.



Step 4: Adaptation phase – now agility is required!

4

The Hubers have realized that they don't like the proposed floor tiles that have already been ordered. Mrs. Huber really wants a steamer in the kitchen. However, the manufacturer has delivery problems. In addition, the kitchen plan is no longer correct.

- If it turns out that the implementation steps that have already been taken do not meet the customer's needs, adjustments are required.
- Now it's a matter of discussing the requirements in detail with the customer and planning the next steps of the project **(see Step 1)**.
- Adjustments are entered into the concept and the project plan is adjusted **(see Step 2)**.



Step 5: Closing phase

The house is ready to move in. Hubers can finally live in their house. In the first days and weeks, they still notice some shortcomings.

- Once the solution has been handed off, you should assign a few users internally to test in-depth and write test protocols.
- The punch list is worked through, retests are carried out until the application runs to your satisfaction.



Chili Digital AG

Contact

Zürich

Klausstrasse 43
8008 Zürich
Schweiz

Ljubljana

Cesta na Vrhovce 5c
1000 Ljubljana
Slowenien

+41 44 315 90 00

info@chili.ch

chili.ch

